

<b>Examiner-Initiated Interview Summary</b>	<b>Application No.</b> 09/709,800	<b>Applicant(s)</b> KAO ET AL.	
	<b>Examiner</b> Barry J. O'Brien	<b>Art Unit</b> 2183	

**All Participants:**
**Status of Application:** pending

 (1) Barry J. O'Brien.

(3) \_\_\_\_\_.

 (2) Jiawei Huang.

(4) \_\_\_\_\_.

**Date of Interview:** 25 October 2004
**Time:** 4pm EST
**Type of Interview:**

- ☒ Telephonic  
☐ Video Conference  
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

**Exhibit Shown or Demonstrated:** ☐ Yes ☒ No

If Yes, provide a brief description:

**Part I.**
**Rejection(s) discussed:**

none

**Claims discussed:**

3 and 17-21

**Prior art documents discussed:**


none

**Part II.**
**SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:**

See Continuation Sheet

**Part III.**


- ☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.  
☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

  
 EDDIE CHAN  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 2100

(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: The Examiner contacted the Applicant to discuss the recently added claims 17-22 and how they related to the case being in condition for allowance. The Examiner stated that although the previously pending claims were now in condition for allowance (due to Applicant's persuasive arguments), the newly added claims were not. Specifically, newly added claims 17-20 would be allowable if the limitations regarding the use of a "class signal" were introduced, as in claim 3. However, newly added claims 17-20 were identical to the originally filed claims 1-4, which had been amended to become claims 3-4. Thus, if claim 17 were amended to include limitations such as those in claim 3, it would actually become identical to claim 3. Thus the examiner suggested that claims 17-20 be cancelled, to which the Applicant agreed. Further, the Examiner stated the newly added claim 21 would be allowable if it too included the limitations regarding the use of a "class signal" such as in claim 3, but that if added it would not be identical to any originally filed claim, as it included the further limitation of "a detecting device". The Applicant agreed to amend claim 21 to include the "class signal" limitations as in claim 3, thus making the claim allowable. Finally, the Examiner noted that claim 3 contained a duplicate limitation, namely "wherein the selected N-bit result and a N-bit data form a 2N-bit addition operand" which appears to have been added in the previous amendment in error. The Applicant agreed to eliminate one of the recitations of the claim for the sake of claim clarity.

  
EDDIE CHAN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100